BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209712

Serial No. .....

BR-402 / 27-11-14

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of work :- Improvements to road ~~reducing~~ Construction of culvert and Dpatting to Singapura layout road & Works (Charge place to Balaji layout Main Road)						
	Work code No. :- 011-13-000024 Estimated cost :- Rs. 20.00 Lakhs						
	Work order No :- EE/BSP/KRIDL/00/47/14-15 Dated :- 18/7/14						
	Name of Agency :- Technical Manager KRIDL Bangalore.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recorded on 21/7/14						
	D) Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 mts & an average lift upto 0.5 m, excavated surface leveled & sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per Specifications.						
	Desilting of Drains.						
	Balaji layout 2nd cross Balance	2	10.00	0.45	0.35	= 3.15	
	Interior Road	2	26.70	0.45	0.40	= 9.61	
	Raghavendra Colony ~~Manhole~~ Balance	2	30.00	0.45	0.35	= 9.45	

CRFC

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Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	6th Cross Roads	
	Dead End Road	
	Teacher's layout 1st Main Balarene Road	

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
			nual money is Hereof paid d throw up to 2 mts of an ated Surface leveled of osed earth to be leveled d ese complete as per
			0·45×0·35 = 3·15
			0·45×0·40 = 9·61
			0·45×0·35 = 9·45

C&FC

ಸಹಾಯಕ ಮುಖ್ಯ ಪಾಲಕ ಅಧಿಯಂತರರು
ವಿದ್ಯುತ್ಚಕ್ತಿ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬಿ. ಬೆಂ. ಮ ಸಾ. ಬೆಂಗಳೂರು-9

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209713

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6th Cross Roads		2	9.40	0.45	3.65	
	Dead End Road		2	28.00	0.45	10.08	
			2	30.00	0.45	12.15	
			2	10.70	0.45	3.85	
	Teacher's layout 1st Main Balance Road		2	30.00	0.45	9.45	
			2	30.00	0.45	12.15	
			2	24.10	0.45	8.68	
			2	30.00	0.45	12.15	

C&FC

ಸಹಾಯಕ ಮುಖ್ಯ ಪಾಲಕ ಅಧಿಯಂತರರು
ವಿದ್ಯುತ್ಚಕ್ತಿ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬಿ. ಬೆಂ. ಮ ಸಾ. ಬೆಂಗಳೂರು-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Berm Cutting Balaji layout 2nd cross	2	10.00	1.00	0.20	4.00	
	Balance Road Interior Road	2	26.70	1.05	0.25	14.02	
	Raghavendra colony Main Road Balance	2	30.00	1.10	0.30	19.80	
		2	9.00	0.95	0.25	4.28	
	6th cross Road	2	28.00	1.05	0.30	17.64	
	Dead End Road	2	30.00	1.20	0.46	32.40	
		2	10.70	1.00	0.30	6.42	
	Teachers layout 1st Main Road Balance	2	30.00	1.05	0.45	28.35	
		2	30.00	1.10	0.40	26.40	

C&E

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ ಉಪವಿಭಾಗ ಬೆಂಗಳೂರು-9

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Serial No. .....
Name of Work ..... From.
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	2) Removing B.S Slab Drain premesure	2

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
00 × 1.00 × 0.20 =			4.00	
70 × 1.05 × 0.25 =			14.02	
0 × 1.10 × 0.30 =			19.80	
0 × 0.95 × 0.25 =			4.28	
0 × 1.05 × 0.30 =			17.64	
00 × 1.20 × 0.45 × 32 =			259.20	
70 × 1.00 × 0.30 =			6.42	
0 × 1.05 × 0.45 =			28.35	
0 × 1.10 × 0.40 =			26.40	

C&RC

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಪೂರ್ವ ರಕ್ಷಣಾಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬಿ.ಬಿ.ಮ.ಪ್ರಾ. ಬೆಂಗಳೂರು-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209714

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2 × 21.10	× 0.95	× 0.45 =		20.61	
				Total Qty		268.27 m3	
				Limited to		266.18 m3	
				Kg 90.72		Kg 24148=00	
	2) Removing B.S Slab Drain & Stacking etc premeasure not Qty vide page no.					209/84	
				Total Qty		479.06 m2	

C&RC

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಪೂರ್ವ ರಕ್ಷಣಾಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬಿ.ಬಿ.ಮ.ಪ್ರಾ. ಬೆಂಗಳೂರು-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			dimensions			47260 m²	
			Jly 50.11			Rs. 23677.00	
3)	Refixing of stone slabs of Drain of paving in cm (1:3) cement						
	City wide Item No 8						
			Total Qty			472.60 m²	
			Jly 70.04			Rs 33094.20	
4)	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials & stacking of old serviceable materials with lead of						

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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	100 m, Sequential Spreadi	
	fresh aggregates on prepa	
	bound macadam Spreading	
	labour, Hand machinies	
	Balaji Layout Balance Roadwork	1 x
	Interior Road	1 x
	Raghavendra Colony Main Rd. Balance	1 x

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	high porosity over prepared surface of granular base with cutback M.C-70 or any other bitumen mixed with Spray set including cost of all materials labour Hire & Machinries etc. complete as per Specifications						
	Qty vide Item No. 6						
						Total Qty	2402.50m²
						Rate	Rs. 341323=00
						Qty	142.07
8)	providing and laying Semidense bitumnious Concrete 25mm thick with 100 TO 120 TPH batch type HMP producing an average output 75 tonnes per hour						

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erial No. .....

ame of Work ..... From.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Number	Length
1	2	3	4
	using Crushed aggregates with bitumnious binder at porting the hot mix to work paver finisher with sensor level & Alignment, rolling tandam roller to achieve MORTH Specifications cla bitumen etc complete a

NT BOOK

Dimensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ed Surface of granular			
or any other bitumen			
ding cost of all materials			
. Complete as per Specifications			
tem no. 6			
otal qty		2402.50m²	
@ 142.07		Rs. 341323=00	
idense bituminous Concrete			
@ TPH batch type HMP			
ut 75 tonnes per hour			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209722

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	using Crushed aggregates & Specified grading, premixed with bituminous binder at 4.5 to 6% of mix and after transporting the hot mix to work site laying with a hydrostatic paver finisher with sensor control to the required grade level & Alignment, rolling with smooth wheeled, Vibratory & tandem roller to achieve the desired Compaction as per MORTH Specifications clause No. 500-8 with 80/100 grade bitumen etc. Complete as per Specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Balaji layout 2nd cross Balance	1	10.00	$\frac{4.70+4.70}{2}$	0.025	= 1.18	
	Interior Road	1	26.70	$\frac{5.30+3.90}{2}$	0.025	= 3.07	
	Rayaveedya Colony Main Rd Balance	1	30.00	$\frac{5.80+6.00}{2}$	0.025	= 4.43	
		1	9.00	$\frac{6.00+6.30}{2}$	0.025	= 1.23	
	6th cross	1	28.00	$\frac{5.30+5.10}{2}$	0.025	= 3.64	
	Dead End Road	1	30.00	$\frac{5.00+6.00}{2}$	0.025	= 3.45	
		1	10.70	$\frac{5.00+4.70}{2}$	0.025	= 1.16	
	Teacher's layout IST main Balance	1	30.00	$\frac{7.10+7.10}{2}$	0.025	= 5.33	

C&FC

Balance Qty in Defence Layout

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		$\frac{4.70+4.70}{2}\times 0.025 = 1.18$	
		$\frac{5.30+3.90}{2}\times 0.025 = 3.07$	
		$\frac{5.80+6.00}{2}\times 0.025 = 4.43$	
		$\frac{6.00+6.30}{2}\times 0.025 = 1.23$	
		$\frac{5.30+5.10}{2}\times 0.025 = 3.64$	
		$\frac{5.00+6.00}{2}\times 0.025 = 3.75$	
		$\frac{5.00+4.70}{2}\times 0.025 = 1.16$	
		$\frac{7.10+7.10}{2}\times 0.025 = 5.33$	

C&Fc

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ಮಲಯ,
ಬಿ. ಬೆಂ. ಮ. ನಾ.. ಬೆಂಗಳೂರು-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209723

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Balance Qty on Dejeree Layout	1	30.00	$\frac{7.10+7.10}{2}$	0.025	5.33	
		1	24.10	$\frac{7.10+6.50}{2}$	0.025	4.10	
		1	30.00	$\frac{6.30+6.30}{2}$	0.025	4.73	
		1	30.00	$\frac{6.30+6.20}{2}$	0.025	4.69	
		1	30.00	$\frac{5.10+4.80}{2}$	0.025	3.71	
		1	30.00	$\frac{4.80+4.90}{2}$	0.025	3.64	

C&Fc

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ಮಲಯ,
ಬಿ. ಬೆಂ. ಮ. ನಾ.. ಬೆಂಗಳೂರು-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			$1 \times 30.00 \times \frac{4.90+5.00}{2} \times 0.025 = 3.71$				
			$1 \times 30.00 \times \frac{5.00+5.00}{2} \times 0.025 = 3.75$				
			$1 \times 30.00 \times \frac{5.00+5.20}{2} \times 0.025 = 3.19$				
			Total qty			60.67 m³	
			Deducted To			60.06 m³	
			JM 9981.36				
	9) Lead For Disposal of Debris shall be payble at Carriage rates by Mechanical means including loading & Unloading from 0.000 to 2km etc.						

C&FC

27/11/2024

Lead 25/8

C&R

10) Add KRIDL charges third party

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
4.90+5.00/2 × 0.025 = 3.71			
5.00+5.00/2 × 0.025 = 3.75			
5.00+5.20/2 × 0.025 = 3.19			
tal Qty		60.67 m3	
ted To		60.06 m3	
981.36		Rs. 5994820	

Engg 25/8

shall be payble at
nical means including
0.000 to 2km etc.

C&F

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209724

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty vide Item No. 1						
	Total Qty					199.63 m3	
	Avg 72.71					Rs. 14515=00	
	Sub Total					Rs. 1784154=00	
10)	Add KRIDL charged 11%					Rs. 196256.94=00	
	third party QC Inspection @ 1%					Rs. 17841.54	
	Total					Rs. 1998252=00	

C&F Final
25/11/14

Engg
25/11/14

1980408=00